### Dear colleagues!

We are pleased to announce the submission of articles to the Scientific Journal 'Social Economics'.

The scientific journal 'Social Economics' is a peer-reviewed professional edition in the field of economic sciences (Decree of the Ministry of Education and Science of Ukraine No. 409 dated March 17, 2020).

Publisher: V.N. Karazin Kharkiv National University

The scientific journal 'Social Economics' is indexed in the following scientific-metric bases:

- 1. Vernadsky National Library of Ukraine
- 2. Index Copernicus
- 3. DOAJ
- 4. Google Scholar
- 5. ERIH PLUS

The DOI (Digital Object Identifier) is assigned to every scientific article and every issue of the journal.

Specialties (ISCED-F 2013):

0311 «Economics»,

0412 «Finance, banking and insurance»,

0413 «Management and administration»,

0414 «Marketing and advertising»,

0416 «Wholesale and retail sales».

Language: Ukrainian, English.

Deadline for submitting the articles:

Issue No. 1 – February 28

Issue No. 2 – April 30

Issue No. 3 – September 30

Issue No. 4 – November 30

There are no charges for rejected articles, no submission charges, and no surcharges based on the length of an article, figures or supplementary data.

## Submission guidelines:

- Please send an electronic version of the manuscript, signed author's agreement (photo or scanned copy) and the information about author(s) to the website of the Journal: https://periodicals.karazin.ua/soceconom.
- Please, include the following information about the author(s): first and last name, academic status, scientific degree, **filled ORCID**, place of work, position, work address, office phone and e-mail, mobile phone, e-mail, research interests, links to a personal website or profile on social networks.

or

- fill in the information about the author at (<a href="https://forms.gle/BZaVxRJ4CweZxE9n8">https://forms.gle/BZaVxRJ4CweZxE9n8</a>) (if there are any problems with filling in the electronic form, please enter Author and co-author information given in the Requirements Annex 3). Please, note that it is mandatory to provide ORCID ID;
- Please, send the manuscript, information about the author and co-author (in case of problems with filling in the electronic form), signed author's agreement (photo or scanned copy) to the e-mail address of the editorial board of the journal: <a href="mailto:sejournal@karazin.ua">sejournal@karazin.ua</a>;

**Contact person**: Tetiana Stetsenko, Executive Secretary

**Address of the editorial office:** room. 309, 1, Mironositskaya Str., Kharkiv, 61002, Ukraine

тел.: +38050 9027262

e-mail: sejournal@karazin.ua.

website: <a href="https://periodicals.karazin.ua/soceconom/index">https://periodicals.karazin.ua/soceconom/index</a>

### **Submission Preparation Checklist**

- 1. The material of the article should not be published earlier and presented for publication in another edition.
- 2. Articles in the journal are published in Ukrainian, English.
- 3. The scientific journal 'Social Economics' accepts articles where the author or all co-authors have a scientific degree or higher education of at least the master's degree. The number of co-authors of the article should not exceed 3 people. At the end of the article it is necessary to indicate the personal contribution of each co-author.
- 4. The article should have the following structure:
- UDC (Universal Decimal Classification);
- title of the article;
- Author(s)'s full name;
- ORCID of the author (s);
- e-mail of the author (co-authors);
- degree;
- academic status;
- name and address of the organization;
- abstracts and keywords;
- JEL Classification Codes (3-5 codes);
- the text of the article with its constituent elements (Annex 1).
- 5. Abstract and keywords (3-5 words) in two languages (Ukrainian, English) are placed at the beginning of the article (Annex 2). The length of the annotation must be at least 1800 characters. The text of the annotation should be authentic, not duplicate the materials of the article, and state the results of the study. Please, use the active, not the passive state in the abstract in English, i.e. "The study tested...", but not "It was tested in this study". Recommended constructions: I / We study, I / We find, I / We evaluate, I / We examine, I / We construct, etc. JEL classifier codes are placed below the keywords (JEL Classification Codes Guide) (3-5 codes).
- 6. All constituent elements of the text should be highlighted in bold.
- 7. The volume of the article should not exceed 80,000 characters. The minimum volume of the article should be at least 15 pages (including annotations and bibliography).
- 8. Interval 1.5 (references after 1.0 interval); font 14 pt. Abstract, keywords, references and literature font 12 pt. Margins 2 cm on each side, paragraph indent 1.25 cm. Font Times New Roman. Only Microsoft Word, preferably doc, not docx. All non-text objects must be built using Microsoft Word tools (Microsoft Excel Chart, Microsoft Equation). When plotting, keep in mind that the magazine is black and white.
- 9. Tables should be numbered in Arabic numerals and have a title. Multi-

page tables in the text of the article should be avoided. If necessary, they can be made in the appendix to the article. Tables are designed according to the following rules: interval – 1.0; font – 12 pt. If necessary, the font can be changed by the author up to 8 pt. The source reference should be given below the table. *Source:... (according to the APA-2010 standard)*. Tables of book orientation only are allowed.

- 10. All figures must be numbered in Arabic numerals and have a title (Appendix 2). The reference to the source should be indicated below the illustration. *Source:... (according to the APA-2010 standard)*. Only bookoriented figures are allowed.
- 11. The need for numbering of formulas is determined by the author in accordance with the use of these formulas in the text (references to them in accordance with the standard APA-2010). The formulas that are numbered are placed in a separate line, the numbering is located on the right side.
- 12. When referring to the last name of the scientist or his work, as well as when using statistical data, it is obligatory to refer in the original language to the source in the list of references. References to the sources of the used materials are made in accordance with the rules of the APA-2010 standard. If a direct citation of more than one sentence is used, the text of the citation should be placed in a page link, and a reference to the citation source should be provided in both the main text of the article and the page link (Annex 2).
- 13. The list of references is compiled in the order of mention in the text, at least 20 references and contains **two blocks** (For authors who are not citizens of Ukraine the reference list according to the National standard of Ukraine DSTU 8302:2015 is carried out by the Editorial Board) (Annex 2):
- 1) **References** sources in English, designed according to the international bibliographic standard **APA-2010**;
- 2) **Literature** (for English-language articles: **References** (in language original). These are sources in the original language, prepared in accordance with the National Standard of Ukraine DSTU 8302: 2015). The references should include only scientific publications. The references to legislation, sources of statistical information, official websites of institutions, etc. are provided in page links. When preparing the text of the article, you should get acquainted with the latest works of leading foreign scientists on research issues (Annex 2).

## Qualitative requirements for the list of references:

- At least 80% of the references in the bibliography should contain DOI
- Original research contains 20-40 bibliographic references

- Review articles contain at least 100 bibliographic references
- The number of references for the last 5 years is at least 50%
- References to Scopus and WoS articles are more than 50%
- Self-citations do not exceed 10-15%
- 14. Documents submitted by the author to the address of the Editorial Board <u>sejournal@karazin.ua</u> or on the website of the journal <a href="https://periodicals.karazin.ua/soceconom">https://periodicals.karazin.ua/soceconom</a>:
- the article;
- Information about authors;
- copyright agreement for the use of the work.

All files must be named in English, for example: Petrenko\_Article.doc, Petrenko\_Statement.doc, Petrenko\_Profile.doc.

### **Privacy Statement**

Names and emails specified by users of this journal's website will only be used to perform the internal technical tasks of this journal; they will not be distributed and transferred to third parties.

### The sequence of constituent elements in the article

**INTRODUCTION**: relevance of the research; problem statement in general and its connection with important scientific or practical tasks; unresolved parts of the general problem to which this article is devoted; formulation of the purpose of the article, its tasks, subject and object of research (not less than 1 page).

**LITERATURE REVIEW:** a critical analysis of recent research and publications on the problem under consideration (this part should contain not only a list of authors, but also the main conclusions of their work, their comparative analysis). In the review part of the article it is necessary to indicate the latest achievements of leading scientists (both foreign and domestic) on the subject of research. Mentioning a scientist's name without reference to a specific work is unacceptable (not less than 1 page).

RESEARCH METHODOLOGY: analysis of the main definitions of research, methods and approaches used in the work. Articles containing the results of socio-economic empirical research should include information on the methodology used and the methods in this separate section of the article. This information should include the name of the organization or person who conducted the research, the timing of the research (for social surveys / surveys) or the time period of the data analyzed, data sources and empirical research base, data range structure, and description of data collection methods (e.g. surveys, interviews, observations, experiments, content analysis, etc.), description of data analysis methods (for example, when estimating correlation coefficients - their statistical dependences should be indicated; when using factor analysis - the percentage of explained variance should be provided); positive and negative aspects of methodological experience: testing of methodological tools, difficulties in implementing the concept of initial research, discovery of problems with methodological tools, unpredictable organizational and methodological situations (not less than 0.5 pages).

**MAIN RESULTS**: presentation of the main research material with substantiation of the obtained scientific results. It is desirable that this part contains sub-items in accordance with each main thesis of the study, such as: basic assumptions, model, example for Ukraine, etc. Additional structuring of the main results of the article (subheadings corresponding to the objectives of the study) is allowed.

**CONCLUSION**: the part of the article where the author(s) must present the results obtained, without new facts or data; indicate possible prospects for further exploration in this direction (at least 1 page). **REFERENCES:** authors should adhere to scientific ethics in their articles in terms of references to peer research: references to statistical sources are required; references to textbooks, manuals, newspapers and non-scientific journals should not be given; works of authors whose names are referenced in the text should be in the list of references to the article.

## Example of article formatting

UDC 311.21:[330.567.28:004.73](477)

[empty line]

# STATISTICAL ANALYSIS OF TRENDS OF FOREIGN ECONOMIC ACTIVITY OF UKRAINE: ICT SECTOR

[empty line]

#### **Ivan Petrov**

### PhD, Associate Professor

V.N. Karazin Kharkiv National University

4, Svobody Sq., Kharkiv, 61022, Ukraine

e-mail: petrov@karazin.ua

ORCID ID: 0000-0002-5439-0830

[empty line]

The article is devoted to the statistical analysis of the trends of foreign economic activity of Ukraine, in particular, the ICT sector. The study identifies and analyzes the most complete and reliable source of world trade statistics – the database of UN Comtrade Database, on the basis of which the foreign trade of the most developed countries of the world and Ukraine in the groups of products and services of the ICT sector is investigated. According to the results of the study, the main changes of the data elements and functions of the UN Comtrade Database have been identified and described.

The analysis of the state of the information society started from the formation of the information base of the Ukrainian trade in services of the ICT services on the basis of Extended Balance of Payments Services (EBOPS), which are related to the specified sector. The collected data analyzed the trade balance of Ukraine in the main types of ICT services exported from Ukraine and imported into Ukraine, as well as the dynamics of export and import of ICT services in Ukraine for 2000-2017, and the corresponding diagrams for visual analysis were constructed. Using the UN Comtrade Database, the annual data on the cost of foreign trade in goods of ICT in Ukraine in 2010-2017 by the codes of the HS 2012 Harmonized Goods Description and Coding System and EBIT 2002 services by ICT were obtained and analyzed.

According to the results of the survey, it was found that during the entire period under investigation the trend of increasing the volumes of both export and import of ICT products was noted,

although in both cases this tendency was not stable. The negative factors influencing on the development of foreign trade in goods and services of ICT were: unfavorable conditions of external risks for domestic producers, insufficient level of competitiveness of their products, low activity of regions in the foreign market, imperfection of the commodity structure of exports and imports. In further research for the main components of export and import of ICT products, it is expedient to analyze monthly information and build appropriate forecasts.

**Keywords:** foreign trade activity, export, import, trade balance, goods of ICT, ICT services.

JEL Classification: E000; O1; J2.

[empty line]

# СТАТИСТИЧНИЙ АНАЛІЗ ТЕНДЕНЦІЙ ЗОВНІШНЬОЕКОНОМІЧНОЇ ДІЯЛЬНОСТІ УКРАЇНИ: СЕКТОР ІКТ

[empty line]

## Петров Іван Ілліч

### кандидат економічних наук, доцент

### Харківський національний університет імені В. Н. Каразіна

майдан Свободи, 4, Харків, 61022, Україна

e-mail: petrov@karazin.ua

ORCID ID: 0000-0002-5439-0830

[empty line]

Стаття присвячена проведенню статистичного аналізу тенденцій зовнішньоекономічної діяльності України, зокрема, сектору ІКТ. У ході дослідження визначено та проаналізовано найбільш повне і достовірне джерело світової торговельної статистики — базу даних UN Comtrade Database, на основі якої досліджено зовнішню торгівлю найбільш розвинених країн світу та України за групами товарів і послуг сектору ІКТ. За результатами проведеного дослідження визначено й викладено основні зміни елементів даних та функції UN Comtrade Database.

Проведення аналізу стану інформаційного суспільства було розпочато з формування інформаційної бази торгівлі України послугами ІКТ на основі Розширеної класифікації послуг EBOPS (Extended Balance of Payments Services classification), які стосуються означеного сектору. За зібраними даними проаналізовано торговельний баланс України за основними видами послуг ІКТ, експортованими з України та імпортованими в Україну, а також динаміку експорту та імпорту послуг сектору ІКТ в Україні за 2000-2017 рр. й побудовано відповідні діаграми для візуального аналізу. Із використанням UN Comtrade Database отримані й проаналізовані річні дані про вартість зовнішньої торгівлі товарами ІКТ в Україні в 2010-2017 рр. за кодами

Гармонізованої системи опису та кодування товарів HS 2012 та послугами ІКТ за EBOPS 2002.

За результатами проведеного дослідження встановлено, що протягом всього досліджуваного періоду відмічалась тенденція нарощування обсягів як експорту, так і імпорту продукції ІКТ, хоча в обох випадках ця тенденція не була стабільною. До негативних факторів, що впливають на розвиток зовнішньої торгівлі товарами та послугами ІКТ, було віднесено: несприятливу кон'юнктуру зовнішніх ризиків для вітчизняних виробників, недостатній рівень конкурентоспроможності їхньої продукції, низький рівень активності регіонів на зовнішньому ринку, недосконалість товарної структури експорту та імпорту. У подальших дослідженнях для основних складових експорту та імпорту продукції ІКТ доцільно проаналізувати місячну інформацію та побудувати відповідні прогнози.

**Ключові слова:** зовнішньоекономічна діяльність, експорт, імпорт, торговельний баланс, товари ІКТ, послуги ІКТ.

JEL Classification: E000; O1; J2.

[empty line]

INTRODUCTION.

LITERATURE REVIEW.

**RESEARCH METHODOLOGY.** During the calculation we apply the method from the article by B. Samorodov and O. Kalinina (Самородов & Калініна, 2014)<sup>1</sup>.

MAIN RESULTS.

<sup>&</sup>lt;sup>1</sup> «Розрахунки будемо проводити за детермінованим та ймовірнісним варіантами. Ймовірнісний варіант розрахунку дозволить визначити довірчий варіант відхилень від фактичних значень для найгірших та найкращих умов розвитку. Для цього варіанту приймемо ймовірність 80 %, таким чином коефіцієнт для мінімального значення буде дорівнювати 0,87, для максимального – 1,13. Умовою внутрішньої стійкості банку є покриття кредитних вкладень їх джерелами коштів, зовнішньої — покриття основних засобів та інших необоротних активів їх джерелами.» (Самородов & Калініна, 2014).

## Example of tables and figures formatting

(text)
[empty line]

Table 1. Ukraine's ranking positions according to the components of the Global Competitiveness Index

Indicator	Years				
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
The quality of the education system as a whole	56	62	70	79	72
The state of higher and professional education	46	51	47	43	40
Quality of education in management, business	108	116	117	115	88

Source: compiled by the author according to the data of The Global Competitiveness Report<sup>1</sup>

[empty line]

(text)

[empty line]

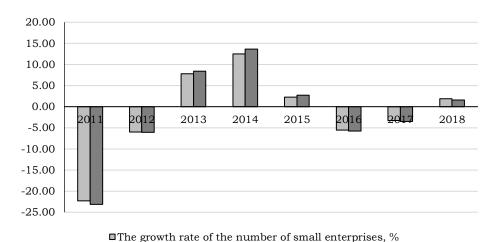


Fig. 1. The growth rate of the number of small and

■The growth rate of the number of microenterprises, %

microenterprises in 2011-2018

Source: built by the author according to the data (State Statistics Service of Ukraine, 2020)

[empty line]

<sup>&</sup>lt;sup>1</sup> Schwab, K. (2015). The Global Competitiveness Report 2015–2016. Geneva: World Economic Forum. Retrieved from http://www3.weforum.org/docs/gcr/2015-2016/Global\_Competitiveness\_\_Report\_2015-2016.pdf.

### CONCLUSION.

[empty line]

### СПИСОК ВИКОРИСТАНОЇ ЛІТЕРАТУРИ

- Савченко Т. Г. Генезис теорій економічної рівноваги. Економіка і регіон. 2010. № 1.
   С. 198–206.
- 2. Моделі ідентифікації макроекономічних дисбалансів в Україні : монографія / за ред. М. І. Скрипниченко ; НАН України, ДУ «Інститут економіки та прогнозування НАН України». К., 2015. С. 195–219.
- 3. Савченко Т. Г. Банківська система у формуванні та підтриманні рівноважних станів в економіці : монографія. Суми : ДВНЗ «УАБС НБУ», 2012. 368 с.
  - 4. Перехідна економіка: Сучасна Україна / за ред. С. М. Злупко. К.: Знання, 2006. 155 с.
- 5. Геєць В. М., Скрипниченко М. І. Макроекономічне моделювання за секторами національної економіки у програмно-аналітичному інструментарії «Макропрогноз економіки України». *Математичне моделювання в економіці*. 2013. Вип. 1. С. 116–129. URL: http://nbuv.gov.ua/UJRN/mmve 2013 1 13 (дата звернення: 20.04.2019).
- 6. Самородов Б. В., Калініна О. О. Імплементація вдосконалення методики визначення фінансової стійкості банку. Часопис економічний реформ. 2014. № 4(16). С. 62–69.

#### **REFERENCES**

- 1. Savchenko, T. H. (2010). Genesis of theories of economic equilibrium. *Economy and region*, *1*, 198–206. (in Ukrainian)
- 2. Skrypnychenko, M. I. (Ed.). (2015). *Models for identification of macroeconomic imbalances in Ukraine*. Kiev. (in Ukrainian)
- 3. Savchenko, T. H. (2012). The banking system in the formation and maintenance of equilibrium states in the economy. Sumy: DVNZ «UABS NBU». (in Ukrainian)
- 4. Zlupko, S. M. (2006). *Transition Economy: Modern Ukraine*. Kiev: Znannia. (in Ukrainian)
- 5. Heiets, V. M., & Skrypnychenko, M. I. (2013). Macroeconomic modeling by sectors of national economy in software and analytical tools "Macro forecast of economy of Ukraine". *Mathematical modeling in economics, 1*, 116–129. Retrieved from http://nbuv.gov.ua/UJRN/mmve\_2013\_1\_13. (in Ukrainian)
- 6. Samorodov, B., & Kalinina, E. (2014). Implementation of the advanced technique of definition of the financial stability of the bank. *Time description of economic reforms*, 4(16), 62–69. (in Ukrainian)

# Author and co-author information

	In English	In native language or In Ukrainian
First and last name		
Academic status		
Scientific degree		
Title of article		
Place of work, position		
(including the full name of the		
organization, department or		
other structural unit without		
abbreviations)		
Work address (index, country,		
state, city, street, house)		
Office phone and e-mail		
Mobile phone, e-mail (fill in		
with the country code)		
Research interests		
Information about the author	_	
(ORCID ID, links to a personal		
website or profile on social		
networks)		

# **AUTHOR'S AGREEMENT**

	We, the authors* of the manuscript of the article ",					
(Title of the Article)						
	(Authors first and le of its acceptance for publication we transfer the fice journal "Social Economics" the rights to:	,				
1. 2.		e, as well as the electronic version of the English n), through any electronic means (posting on the				
At the	same time, we reserve the right without the conse	ent of the Editorial Board and Founder				
1. 2. 3. 4.	presentations.  To post electronic copies of the article (including the official website of the journal) on:  a) personal web-resources of all authors (web-site b) web-resources of institutions where authors we c) non-commercial open access web-resources (for the presentation).	e their theses.  n of abstracts, conference reports, and oral ng the final electronic version downloaded from es, web-pages, blogs, etc.); ork (including electronic institutional repositories);				
B	y this agreement, we also certify that the submitte	ed manuscript				
1. 2.	Does not infringe the copyrights of other person Has not been previously published in other publication in other edition.	ns or organizations.  publishers and has not been submitted for				
	signature	Authors first and last name				
		Academic status, position				
		Place of work with address				

date

<sup>\*</sup>Only the signature of the first author on behalf of the entire author team is allowed.